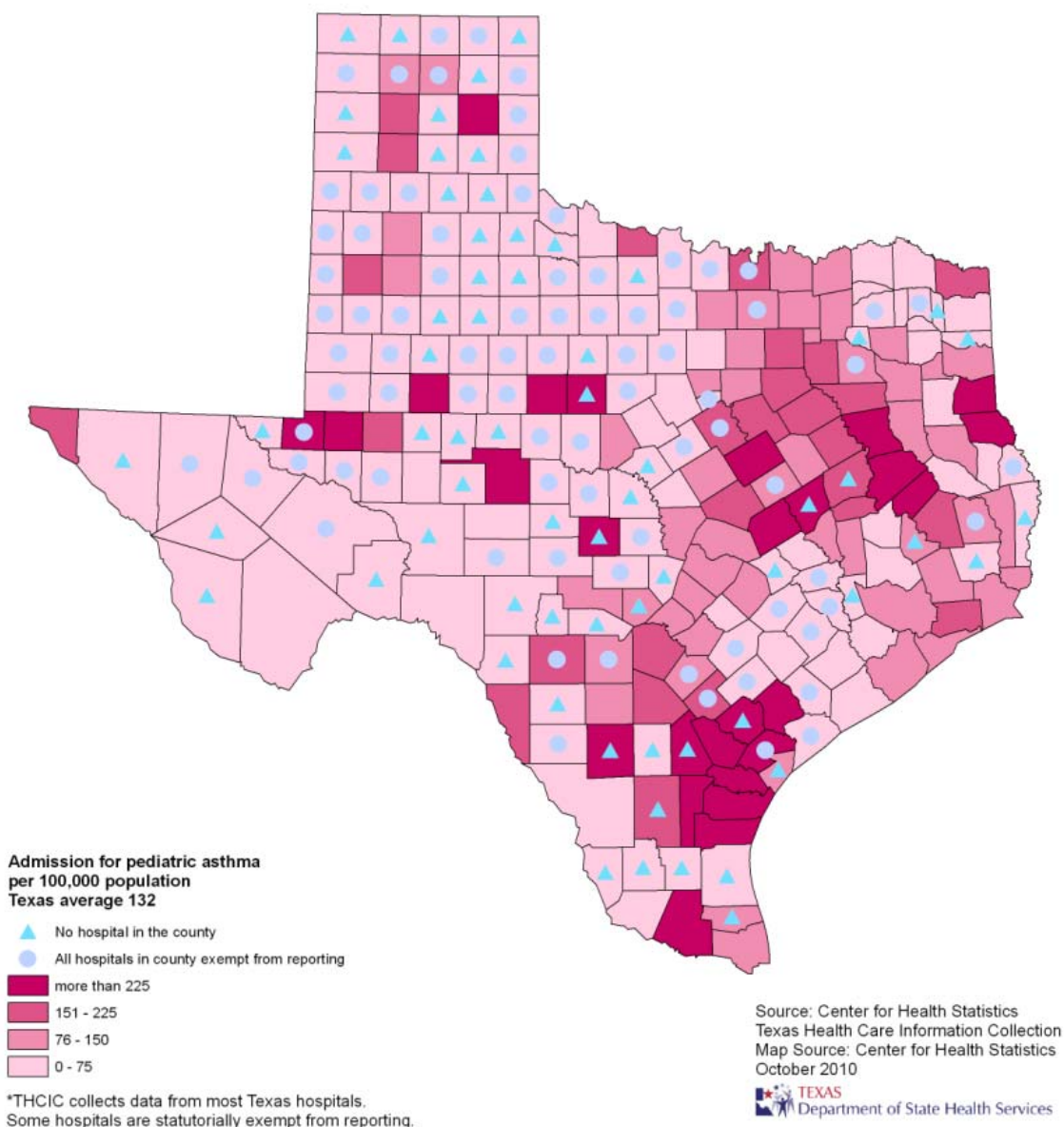


## Pediatric asthma

Asthma is the one of the most frequent reasons for hospital admissions among children. Millions of missed school days and parental workdays are attributed to pediatric asthma. Children with asthma have airways that are overly sensitive to certain asthma triggers, which differ from child to child. Some common triggers are exercise, allergies, viral infections, and smoke. Adherence to treatment guidelines – which emphasize appropriate diagnosis of asthma, a physician-patient relationship, management of asthma symptoms with medications, appropriate preventive and maintenance therapy, and adequate follow-up care – can reduce hospital admission rates. Children need to follow a customized asthma management plan to control their symptoms. The severity of a child's asthma can both worsen and improve over time, placing him in a new asthma category that requires different treatment.



### Texas Health Care Information Collection Pediatric Asthma Admission Rate, 2008

Rates not calculated for counties with fewer than 5 admissions

\* Risk-adjusted admission rate is significantly lower than state average rate based on 95 percent confidence interval

\*\* Risk-adjusted admission rate is significantly higher than state average rate based on 95 percent confidence interval

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State of Texas	8,394	5,883,388	142.67	115.84	132.29	(129.71, 134.87)
Anderson	33	10,343	319.07	115.20	301.34**	(239.62, 363.05)
Andrews	Less than 5					
Angelina	15	20,134	74.50	114.68	70.67*	(26.34, 115.00)
Aransas	7	4,834	144.81	108.89	144.71	(51.85, 237.57)
Archer	Less than 5					
Armstrong	Less than 5					
Atascosa	21	11,438	183.60	111.35	179.36	(119.68, 239.05)
Austin	Less than 5					
Bailey	Less than 5					
Bandera	Less than 5					
Bastrop	21	16,840	124.70	111.47	121.69	(72.53, 170.86)
Baylor	Less than 5					
Bee	20	6,425	311.30	110.64	306.21**	(226.30, 386.12)
Bell	153	71,886	212.84	122.29	189.29**	(166.57, 212.00)
Bexar	743	394,988	188.11	115.65	176.88**	(166.92, 186.85)
Blanco	Less than 5					
Borden	Less than 5					
Bosque	7	3,728	187.75	108.87	187.75	(81.98, 293.53)
Bowie	41	19,884	206.20	110.65	202.69**	(157.28, 248.10)
Brazoria	67	71,401	93.84	114.19	89.37*	(65.79, 112.96)
Brazos	28	31,437	89.07	120.42	80.44*	(45.83, 115.06)
Brewster	Less than 5					
Briscoe	Less than 5					
Brooks	Less than 5					
Brown	7	8,626	81.15	109.02	80.99	(11.52, 150.45)
Burleson	Less than 5					
Burnet	10	8,485	117.85	112.31	114.17	(45.16, 183.18)
Caldwell	6	8,880	67.57	113.74	64.64*	(0.00, 131.67)
Calhoun	Less than 5					
Callahan	6	2,719	220.69	103.80	231.54	(104.66, 358.41)
Cameron	123	118,138	104.12	119.72	94.58*	(76.67, 112.49)
Camp	Less than 5					
Carson	Less than 5					
Cass	Less than 5					
Castro	Less than 5					
Chambers	12	6,634	180.89	107.22	183.55	(103.67, 263.43)

Cherokee	13	11,333	114.71	115.48	108.06	(49.18, 166.95)
Childress	Less than 5					
Clay	Less than 5					
Cochran	Less than 5					
Coke	Less than 5					
Coleman	Less than 5					
Collin	209	173,577	120.41	115.17	113.69*	(98.63, 128.76)
Collingsworth	Less than 5					
Colorado	Less than 5					
Comal	27	21,588	125.07	111.52	121.98	(78.57, 165.39)
Comanche	Less than 5					
Concho	Less than 5					
Cooke	14	9,162	152.81	109.37	152.04	(84.74, 219.35)
Coryell	22	16,931	129.94	108.93	129.76	(80.16, 179.37)
Cottle	Less than 5					
Crane	Less than 5					
Crockett	Less than 5					
Crosby	Less than 5					
Culberson	Less than 5					
Dallam	Less than 5					
Dallas	1,164	602,883	193.07	119.39	175.86**	(167.92, 183.80)
Dawson	Less than 5					
Deaf Smith	Less than 5					
Delta	Less than 5					
Denton	162	142,193	113.93	115.94	106.86*	(90.28, 123.45)
Dewitt	Less than 5					
Dickens	Less than 5					
Dimmit	Less than 5					
Donley	Less than 5					
Duval	7	3,103	225.57	112.53	218.15	(104.14, 332.15)
Eastland	Less than 5					
Ector	100	34,013	294.00	116.46	274.48**	(240.65, 308.32)
Edwards	Less than 5					
Ellis	58	34,418	168.52	111.66	164.14	(129.78, 198.50)
El Paso	397	209,904	189.13	116.49	176.58**	(162.96, 190.20)
Erath	Less than 5					
Falls	5	4,218	118.53	99.83	129.22	(25.39, 233.06)
Fannin	8	6,673	119.89	110.26	118.35	(39.79, 196.90)
Fayette	Less than 5					
Fisher	Less than 5					
Floyd	Less than 5					
Foard	Less than 5					
Fort Bend	82	123,606	66.34	107.76	66.95*	(48.49, 85.40)
Franklin	Less than 5					

Freestone	6	3,737	160.57	111.67	156.53	(52.21, 260.84)
Frio	6	4,023	149.16	113.89	142.52	(42.98, 242.05)
Gaines	Less than 5					
Galveston	85	66,042	128.71	112.86	124.03	(99.36, 148.70)
Garza	Less than 5					
Gillespie	Less than 5					
Glasscock	Less than 5					
Goliad	5	1,489	335.89	105.97	345.31**	(175.58, 515.04)
Gonzales	Less than 5					
Gray	16	4,701	340.35	110.85	334.33**	(240.97, 427.69)
Grayson	27	26,173	103.16	113.28	99.06	(59.94, 138.18)
Gregg	36	27,903	129.02	116.17	120.80	(83.39, 158.22)
Grimes	5	5,312	94.13	111.92	91.53	(4.15, 178.91)
Guadalupe	31	25,285	122.60	108.90	122.44	(81.85, 163.03)
Hale	10	9,813	101.91	114.82	96.55	(33.09, 160.01)
Hall	Less than 5					
Hamilton	Less than 5					
Hansford	Less than 5					
Hardeman	Less than 5					
Hardin	7	11,706	59.80	110.82	58.70*	(0.00, 117.84)
Harris	871	1,016,128	85.72	117.20	79.54*	(73.37, 85.71)
Harrison	12	14,491	82.81	110.08	81.84	(28.50, 135.17)
Hartley	Less than 5					
Haskell	Less than 5					
Hays	37	27,478	134.65	114.10	128.36	(90.32, 166.40)
Hemphill	Less than 5					
Henderson	32	16,957	188.72	112.06	183.20**	(134.33, 232.07)
Hidalgo	668	221,947	300.97	120.63	271.33**	(258.31, 284.35)
Hill	17	8,022	211.92	113.63	202.95**	(132.38, 273.51)
Hockley	10	5,502	181.75	112.91	175.15	(89.68, 260.62)
Hood	11	9,853	111.64	108.81	111.63	(46.57, 176.70)
Hopkins	Less than 5					
Houston	11	4,497	244.63	106.66	249.69**	(152.38, 346.99)
Howard	32	6,793	471.10	113.54	451.60**	(374.88, 528.33)
Hudspeth	Less than 5					
Hunt	16	18,682	85.64	111.77	83.35*	(36.73, 129.96)
Hutchinson	8	5,379	148.73	111.68	144.93	(58.00, 231.86)
Irion	Less than 5					
Jack	Less than 5					
Jackson	Less than 5					
Jasper	7	8,032	87.15	112.47	84.30	(13.42, 155.17)
Jeff Davis	Less than 5					
Jefferson	76	55,580	136.74	112.31	132.41	(105.45, 159.37)
Jim Hogg	Less than 5					

Jim Wells	30	10,939	274.25	112.08	266.21**	(205.37, 327.05)
Johnson	43	35,423	121.39	111.38	118.54	(84.63, 152.45)
Jones	Less than 5					
Karnes	6	2,794	214.76	110.63	211.48	(90.23, 332.73)
Kaufman	43	22,444	191.59	111.69	186.58**	(144.04, 229.12)
Kendall	5	6,569	76.12	107.89	76.78	(0.00, 156.81)
Kenedy	Less than 5					
Kent	Less than 5					
Kerr	8	9,233	86.64	108.36	87.00	(19.65, 154.35)
Kimble	Less than 5					
King	Less than 5					
Kinney	Less than 5					
Kleberg	22	7,279	302.26	117.41	280.13**	(207.26, 353.01)
Knox	Less than 5					
Lamar	7	11,475	61.00	111.98	59.27*	(0.00, 118.70)
Lamb	Less than 5					
Lampasas	Less than 5					
La Salle	5	1,482	337.38	112.31	327.12**	(161.93, 492.31)
Lavaca	Less than 5					
Lee	Less than 5					
Leon	6	3,364	178.34	111.59	173.92	(63.96, 283.87)
Liberty	27	17,899	150.84	112.20	146.23	(98.70, 193.76)
Limestone	7	5,015	139.59	111.20	136.62	(46.39, 226.85)
Lipscomb	Less than 5					
Live Oak	6	2,076	289.05	103.90	303.39**	(158.16, 448.62)
Llano	Less than 5					
Loving	Less than 5					
Lubbock	85	58,305	145.79	117.77	134.64	(108.93, 160.34)
Lynn	Less than 5					
McCulloch	Less than 5					
McLennan	140	53,060	263.85	113.73	252.31**	(224.89, 279.72)
McMullen	Less than 5					
Madison	5	2,521	198.35	112.81	191.57	(65.16, 317.99)
Marion	Less than 5					
Martin	Less than 5					
Mason	6	683	878.73	102.73	932.72**	(678.07, 1,187.37)
Matagorda	Less than 5					
Maverick	27	16,583	162.82	114.32	154.92	(106.00, 203.84)
Medina	11	10,364	106.13	109.88	105.11	(41.98, 168.24)
Menard	Less than 5					
Midland	51	31,555	161.62	112.48	156.30	(120.54, 192.05)
Milam	15	6,107	245.64	113.41	235.68**	(154.72, 316.63)
Mills	Less than 5					
Mitchell	Less than 5					

Montague	Less than 5					
Montgomery	54	96,734	55.82	110.78	54.80*	(34.23, 75.38)
Moore	7	6,281	111.45	117.41	103.27	(24.83, 181.72)
Morris	Less than 5					
Motley	Less than 5					
Nacogdoches	19	13,370	142.11	117.96	131.02	(77.39, 184.65)
Navarro	22	11,715	187.80	110.69	184.56	(125.41, 243.72)
Newton	Less than 5					
Nolan	Less than 5					
Nueces	298	80,267	371.26	114.39	352.98**	(330.76, 375.21)
Ochiltree	Less than 5					
Oldham	Less than 5					
Orange	24	19,272	124.54	109.67	123.52	(77.19, 169.86)
Palo Pinto	Less than 5					
Panola	12	4,908	244.51	112.33	236.95**	(146.19, 327.70)
Parker	11	23,362	47.08	106.85	47.93*	(5.30, 90.57)
Parmer	Less than 5					
Pecos	Less than 5					
Polk	18	9,149	196.74	111.02	192.77	(125.93, 259.60)
Potter	67	31,504	212.67	119.60	193.41**	(158.71, 228.11)
Presidio	Less than 5					
Rains	Less than 5					
Randall	42	25,014	167.91	110.57	165.17	(124.67, 205.67)
Reagan	Less than 5					
Real	Less than 5					
Red River	Less than 5					
Reeves	Less than 5					
Refugio	6	1,675	358.21	107.44	363.22**	(204.31, 522.13)
Roberts	Less than 5					
Robertson	10	3,973	251.72	109.34	250.58**	(148.35, 352.82)
Rockwall	24	16,603	144.56	110.81	141.92	(92.26, 191.58)
Runnels	Less than 5					
Rusk	7	10,177	68.79	111.82	66.93*	(3.78, 130.08)
Sabine	Less than 5					
San Augustine	Less than 5					
San Jacinto	5	5,238	95.46	105.43	98.52	(7.86, 189.18)
San Patricio	73	18,802	388.25	113.28	372.84**	(326.69, 419.00)
San Saba	Less than 5					
Schleicher	Less than 5					
Scurry	Less than 5					
Shackelford	Less than 5					
Shelby	15	6,332	236.91	114.54	225.06**	(145.96, 304.17)
Sherman	Less than 5					
Smith	38	45,216	84.04	114.53	79.80*	(50.21, 109.40)

Somervell	Less than 5					
Starr	14	20,448	68.47	119.01	62.58*	(19.40, 105.75)
Stephens	Less than 5					
Sterling	Less than 5					
Stonewall	Less than 5					
Sutton	Less than 5					
Swisher	Less than 5					
Tarrant	393	421,666	93.20	116.62	86.91*	(77.31, 96.52)
Taylor	79	29,765	265.41	116.87	247.02**	(210.91, 283.13)
Terrell	Less than 5					
Terry	Less than 5					
Throckmorton	Less than 5					
Titus	Less than 5					
Tom Green	58	23,919	242.49	115.85	227.68**	(187.21, 268.14)
Travis	268	204,233	131.22	121.49	117.47*	(103.95, 130.99)
Trinity	9	2,821	318.99	111.66	311.16**	(191.07, 431.25)
Tyler	5	4,052	123.38	110.28	121.83	(21.02, 222.64)
Upshur	Less than 5					
Upton	Less than 5					
Uvalde	13	7,386	176.01	113.65	168.46	(94.94, 241.98)
Val Verde	Less than 5					
Van Zandt	14	11,431	122.48	109.29	121.93	(61.65, 182.20)
Victoria	57	21,694	262.74	113.38	252.06**	(209.11, 295.01)
Walker	6	9,650	62.17	112.24	60.26*	(0.00, 124.98)
Waller	Less than 5					
Ward	Less than 5					
Washington	Less than 5					
Webb	60	76,731	78.20	122.99	69.15*	(47.22, 91.07)
Wharton	Less than 5					
Wheeler	Less than 5					
Wichita	62	29,070	213.28	115.14	201.45**	(164.64, 238.27)
Wilbarger	Less than 5					
Willacy	7	5,668	123.50	117.67	114.24	(31.74, 196.75)
Williamson	94	89,017	105.60	114.82	100.02*	(78.95, 121.08)
Wilson	12	9,107	131.76	107.10	133.86	(65.65, 202.08)
Winkler	6	1,632	367.56	111.48	358.20**	(200.40, 516.00)
Wise	19	13,280	143.08	107.65	144.59	(88.25, 200.93)
Wood	9	7,815	115.17	111.97	111.90	(39.89, 183.92)
Yoakum	Less than 5					
Young	Less than 5					
Zapata	Less than 5					
Zavala	Less than 5					

Source: Texas Health Care Information Collection. *Texas Hospital Inpatient Discharge Public Use Data File, 2008.*